

090245-08301  
FOETED-09102660

Site for insertion of DNA segment

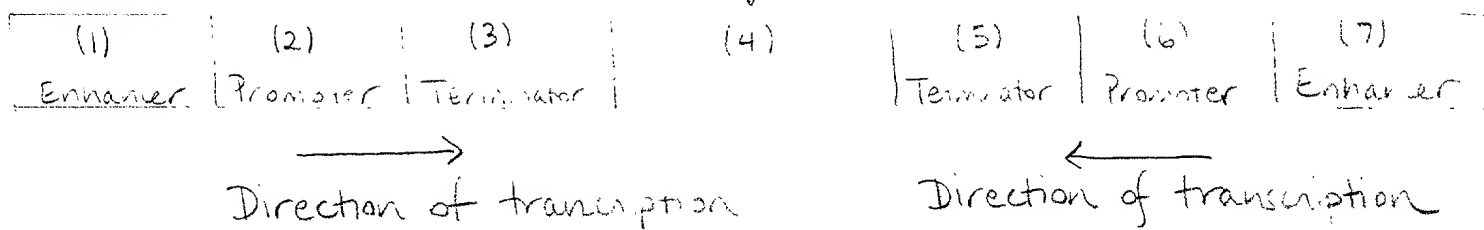


Figure 1

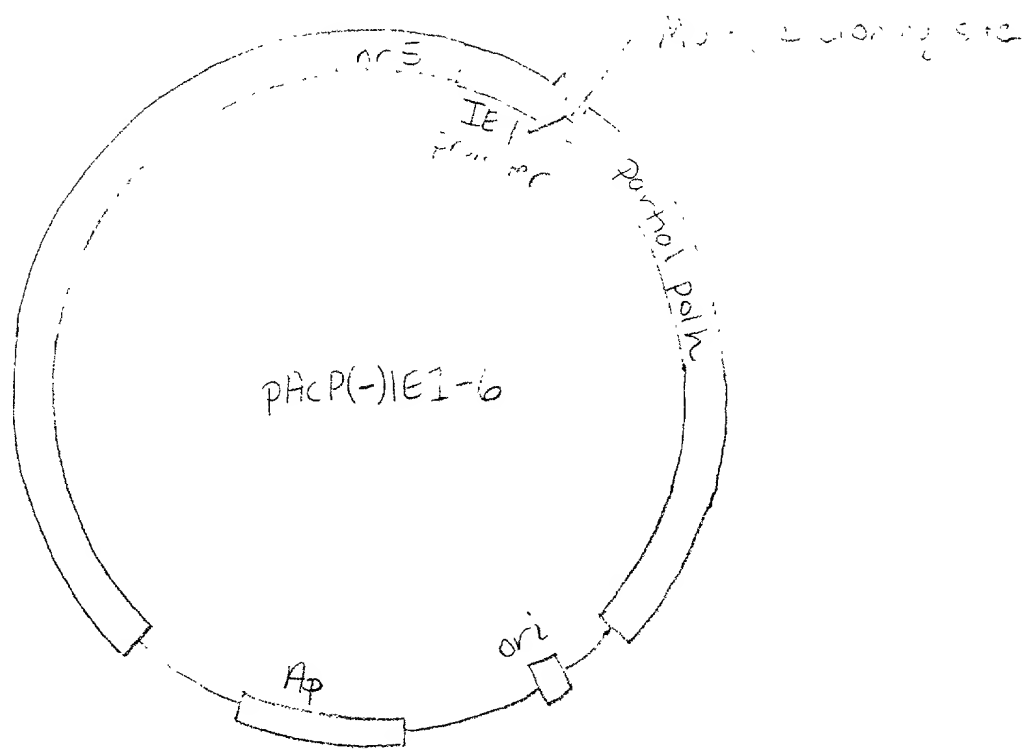
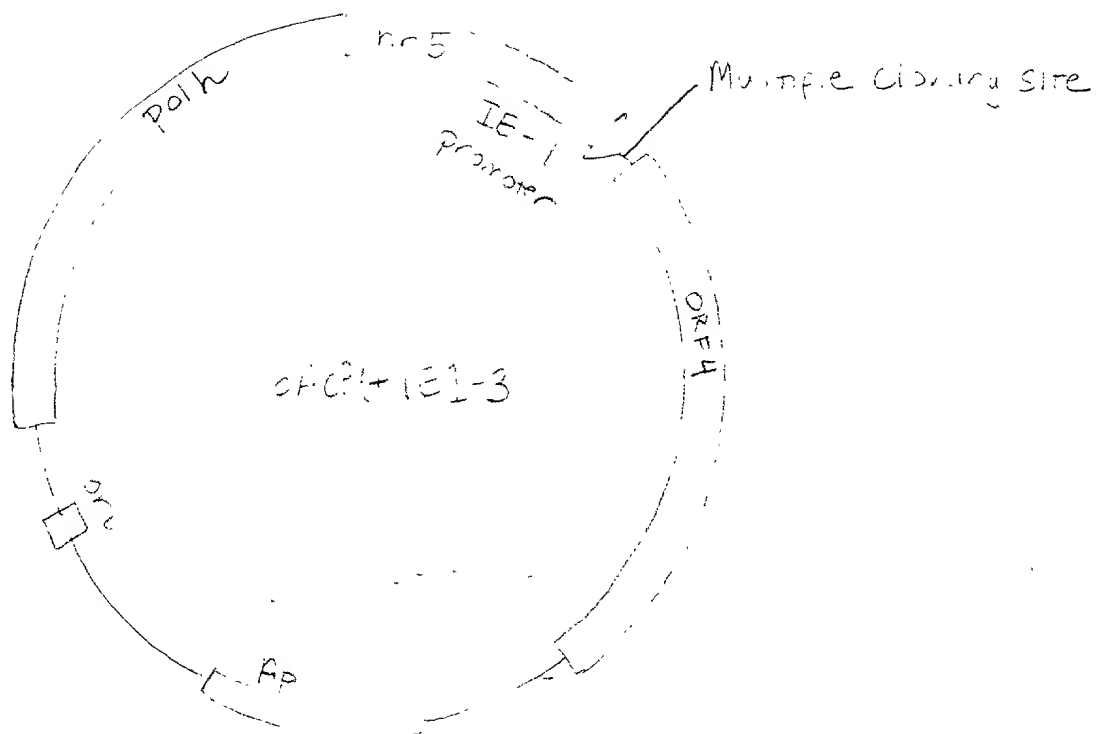


Figure 2

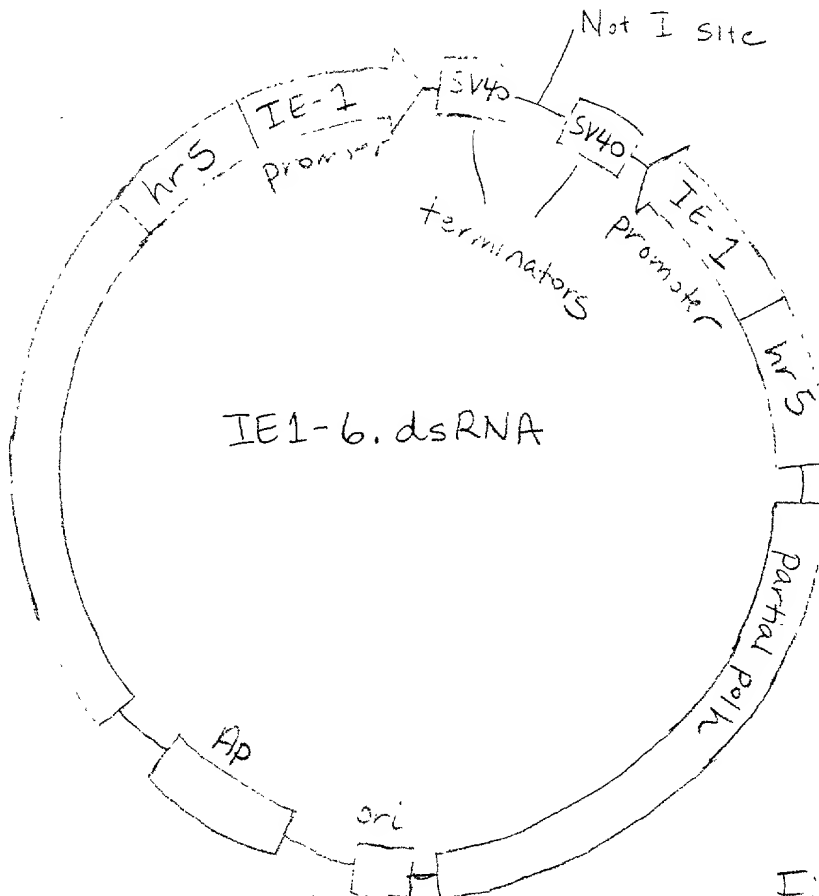
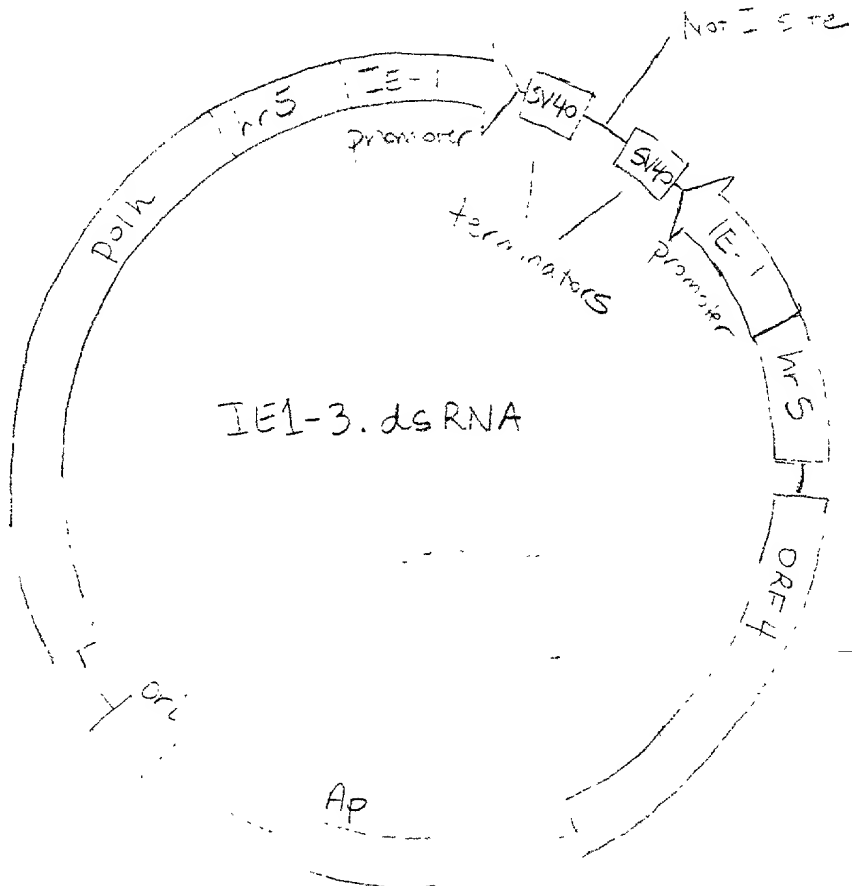
[illegible]

Figure 3

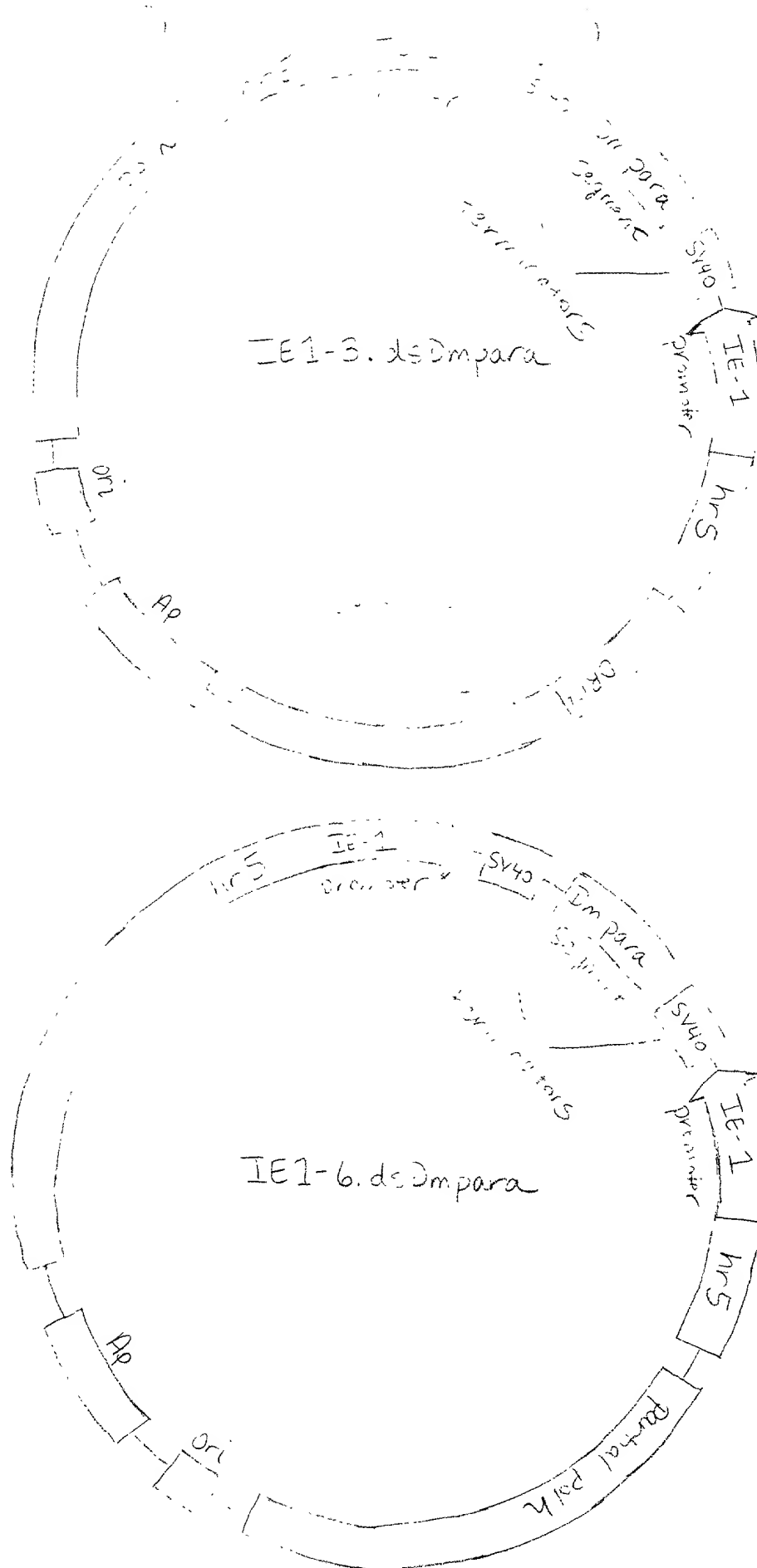


Figure 4

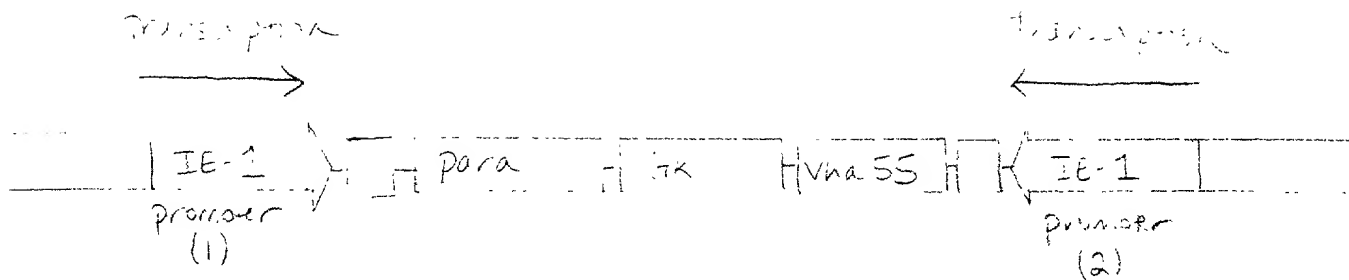


Figure 5A

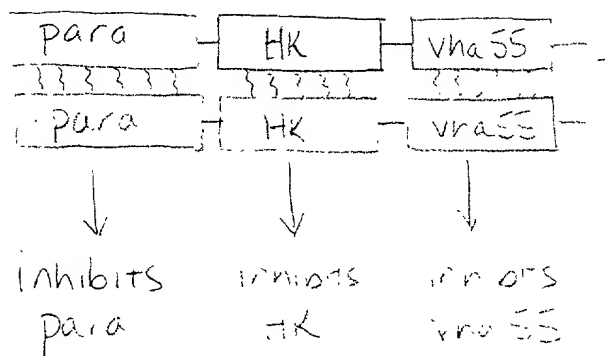


Figure 5B

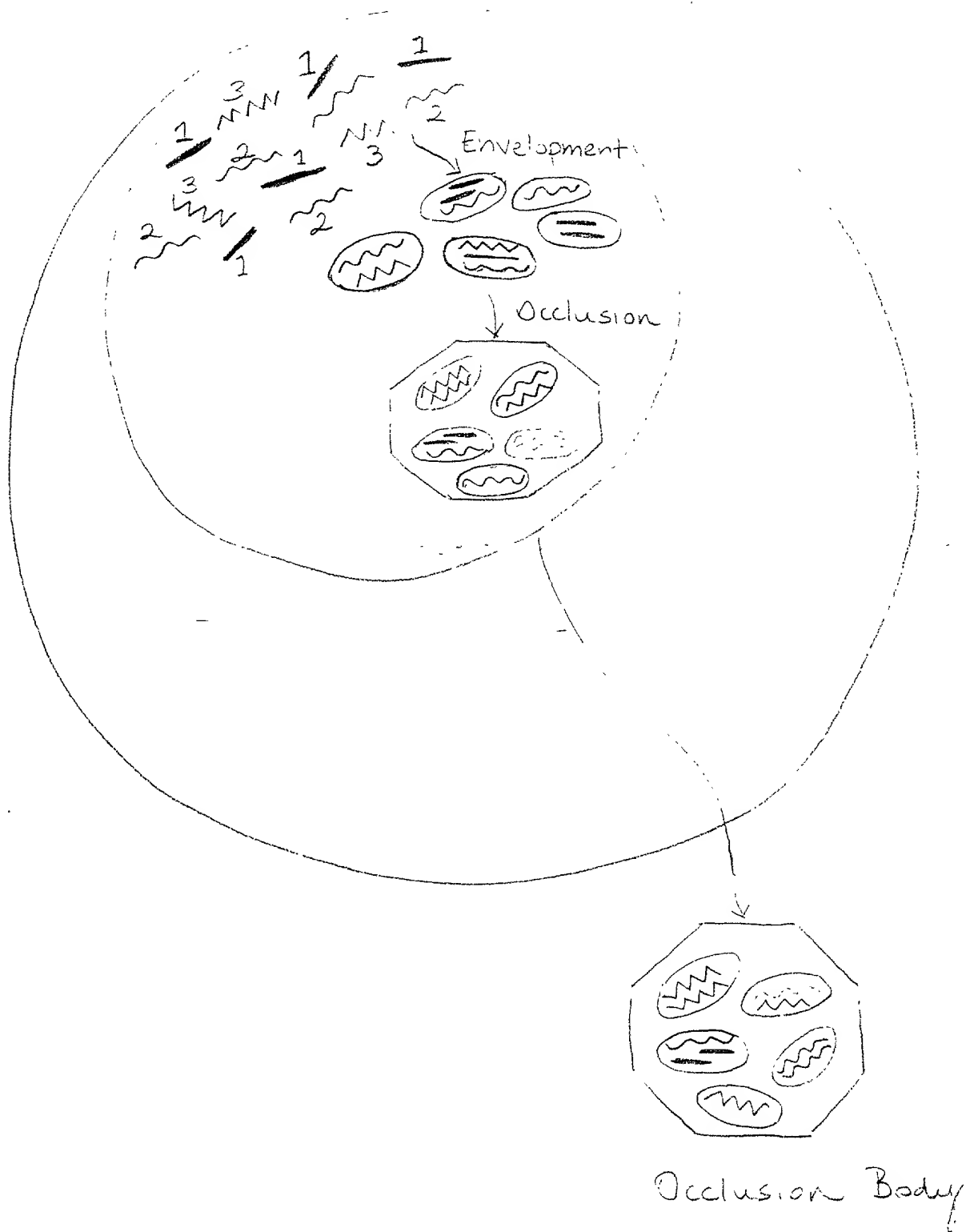


Figure 6

## Figure 7

### SV40 Transcriptional Terminator Sequence

SEQ ID NO:1

TGATCATAATCAGCCATACCACATTTGTAGAGGTTTTACTTGCTTTAAAAAAC  
CTCCACACCTCCCCCTGAACCTGAAACATAAAATGAATGCAATTGTTGTTGT  
TAACTTGTTTATTGCAGCTTATAATGGTTACAAATAAAGCAATAGCATCACAA  
ATTCACAAATAAAGCATTTTTTTTCACTGCATTCTAGTTGTGGTTTGTCCAAAC  
TCATCAATGTATCTTAA

TCATCAATGTATCTTAA

## Figure 8

### Primers Used in Construction of Modified Baculovirus Transfer Vectors

SEQ ID NO:2 SV40Xba#2 AAAATCTAGATCATAATCAGCCATACC  
SEQ ID NO:3 SV40SacII CCGCGGTAAAGATACATTGATGAGTTTGG  
SEQ ID NO:4 SV40Bam#2 AAAAGGATCCATTGATGAGTTTGGACAAACC  
SEQ ID NO:5 IE1-3.5' ACTAGTTATCTCCATGATGGGCGCG  
SEQ ID NO:6 IE1-6.5' AGATCTATATAGTTGCTGATGGGCGCG

### Primers Used to Amplify Portions of Target Genes from *Drosophila melanogaster*

#### Dm.para primers

SEQ ID NO:8 Dm.para5' 5'- TGAGGAAGAACGCAGTTTGTTC -3'  
SEQ ID NO:9 Dm.para3' 5'- CGGGCATAAAATGAAACCTCG -3'

#### Dm.white primers

SEQ ID NO:10 White5' 5'- CGCTGTGACACATACTTTCTG -3'  
SEQ ID NO:11 White3' 5'- GTCTTAGAGCCAGATATGCG -3'

#### Dm.vha55 (subunit B) primers for 3'UTR

SEQ ID NO:12 DmvB5' 5'- TCTCCACCTCCTGCAATATCCG -3'  
SEQ ID NO:13 DmvB3' 5'- CCCATTCACTCTTGTGACCAGAG -3'

#### Dm.vha26 (subunit E) primers for 3'UTR

SEQ ID NO:14 DmvE5' 5'- ACCAGAAAGAGAACCAGCATCAAC -3'  
SEQ ID NO:15 DmvE3' 5'- ACCTGCCAGCGGTCTGTAAAAG -3'



**Primers Used to Amplify Portions of Target Genes from *Manduca sexta***

**Manduca para primers**

SEQ ID NO:16      para5'      5'- TGCATGGAATTGGCTTGA CTTC -3'

SEQ ID NO:17      para3'      5'- AGCACCAGTTGATAGAGATTCTCCC -3'

**Manduca hb PCR Primers**

SEQ ID NO:18      Ms.hb.5'      5'- CTCGTTCTTATTCCTCCTAAC -3'

SEQ ID NO:19      Ms.hb.3'      5'- ATGAACGGGTCGTTGTACC -3'

**Manduca fasciclinII primers**

SEQ ID NO:20      fas5'      5'- TACTGCACCAGAAATGGAAGAGC -3'

SEQ ID NO:21      fas3'      5'- ACGGGTTGGTTGTTTCATAGCC -3'

**Manduca EcR primers**

SEQ ID NO:22      Ms.EcR.5'      5'- CGTGCAACGTGCTCGTTTTTAC -3'

SEQ ID NO:23      Ms.EcR3'      5'- TTAGGAGTTGTAGGAGGCATCGG -3'

**Manduca vha55 (subunit B) primers for 3'UTR**

SEQ ID NO:24      MsvB5'      5'- GATCTGGTTTCGATTGTTTCCG -3'

SEQ ID NO:25      MsvB3'      5'- CGAGGACCAACTCAATTTGGAATG -3'

**Manduca vha26 (subunit E) primers for 3'UTR**

SEQ ID NO:26      MsvE5'      5'- GGTGACCCACATTCACCTCGTTATAC -3'

SEQ ID NO:27      MsvE3'      5'- AACCTACAGACCTCAATGCCTCC -3'

## Figure 9

**Portion of Multiple Cloning Site from Plasmid PCR2.1 Incorporated into Modified Baculovirus Transfer Plasmids**

SEQ ID NO:7

AGCCGAATTCTGCAGATATCCATCACACTGGCGGCCGCTCGAGCATGCATCT  
AGA

10920463-081304  
T0CT80" E9482660